CLAIM LISTING

1-9. (canceled)

10. (previously presented) A method for maintaining SIP contact addresses, the method comprising:

receiving a first registration message for a remote unit from a first SIP proxy user agent (UA);

storing, as a member of a group of contact addresses for the remote unit, both a first contact address based on the first registration message and a first creation timestamp for the first contact address;

receiving a second registration message for the remote unit from a second SIP proxy UA after receiving the first registration message;

storing, as a member of the group of contact addresses for the remote unit, both a second contact address for the remote unit and a second creation timestamp for the second contact address;

receiving a third registration message for the remote unit from the first SIP proxy UA;

sending, in response to the third registration message, a response that indicates a contact address more recent than any provided by the first SIP proxy UA;

receiving a deregistration message for the remote unit from the first SIP proxy UA; and

removing, from the group of contact addresses for the remote unit, the first contact address.

11. (original) The method of claim 10 wherein the response that indicates a contact address more recent than any provided by the first SIP proxy UA comprises a SIP 200 OK message and at least one creation time stamp.

12. (original) The method of claim 11 wherein the response further comprises a group of contact addresses and a creation time stamp for each.

13. (original) The method of claim 10 wherein the first registration message comprises a SIP REGISTER message, the second registration message comprises a SIP REGISTER message, and the third registration message comprises a SIP REGISTER message.

14. (original) The method of claim 10 wherein the deregistration message comprises a SIP REGISTER message with an Expires header value of "0".

15. (canceled)

16. (currently amended) A SIP registrar comprising:

a SIP location data base; and

a SIP location processor, communicatively coupled to the SIP registration data base, adapted to

receive a first registration message for a remote unit from a first SIP proxy user agent (UA),

store in the SIP location data base, as a member of a group of contact addresses for the remote unit, both a first contact address based on the first registration message and a first creation timestamp for the first contact address,

~~receiving~~ receive a second registration message for the remote unit from a second SIP proxy UA after receiving the first registration message,

~~storing~~ store in the SIP location data base, as a member of the group of contact addresses for the remote unit, both a second contact address for the remote unit and a second creation timestamp for the second contact address,

~~receiving~~ receive a third registration message for the remote unit from the first SIP proxy UA,

~~sending~~ send, in response to the third registration message, a response that indicates a contact address more recent than any provided by the first SIP proxy UA,

~~receiving~~ receive a deregistration message for the remote unit from the first SIP proxy UA, and

~~removing~~ remove, from the group of contact addresses for the remote unit, the first contact address.